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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete If Known

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	KUBAN et al.
Group Art Unit	
Examiner Name	

Attorney Docket Number 895,675-004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JJC/	AA	6,381,350		Klingensmith et al.	4/30/02	
JJC/	AB	8,200,268		Vince, et al.	3/13/01	
	AC					
	AD					
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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AU							
	AV							
	AW							
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	AZ							
	BA							
	BB							
	BC							

Examiner Signature

/Jacqueline Cheng/ (03/13/2007)

Date Considered

03/13/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
Sheet	2	of	2	Filing Date	Herewith
				First Named Inventor	KUBAN et al.
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	895,675-004

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/JC/	BD	NAIR, A., KUBAN, B., OBUCHOWSKI, N., and VINCE, D., "Assessing Spectral Algorithms to Predict Atherosclerotic Plaque Composition With Normalized and Raw Intravascular Ultrasound Data", Ultrasound in Medicine and Biology, 2001, pp. 1319-1331, Vol. 27, No. 10, Elsevier, U.S.A.		T ²
/JC/	BE	NAIR, A., KUBAN, B., TUZCU, E., SCHOENHAGEN, P., NISSEN, S., and VINCE, D., "Coronary Plaque Classification With Intravascular Ultrasound Radiofrequency Data Analysis", Circulation, 2002, pp. 2200-2206; 106, American Heart Association, U.S.A.		
/JC/	BF	KLINGENSMITH, J. and VINCE, D., "B-Spline Methods for Interactive Segmentation and Modeling of Lumen and Vessel Surfaces in Three-Dimensional Intravascular Ultrasound," Computerized Medical Imaging and Graphics 26, 2002, pp. 429-438, Elsevier Science Ltd., U.S.A.		
	BG			
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	BI			
	BJ			
	BK			
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	BM			
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Examiner Signature	/Jacqueline Cheng/ (03/13/2007)	Date Considered	03/13/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1 of 1

Application Number

10/647,977

Filing Date

August 25, 2003

First Named Inventor

NAIR et al.

Group Art Unit

Examiner Name

Not yet assigned

Attorney Docket Number

895,675-004

U.S. PATENT DOCUMENTS

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/JC/	AA	6,148,095		Prause et al.	11/14/2000	
/JC/	AB	6,152,878		Nachtomy et al.	11/28/2000	
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	AZ							
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	BB							
	BC							

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/Jacqueline Cheng/ (03/13/2007)

Date Considered

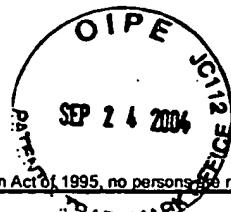
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of 12

Complete if Known

Application Number	10/647,977
Filing Date	08/25/2003
First Named Inventor	Kuban
Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket Number	895,675-004

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JC/	A01	US- 4,228,804	10/21/1980	Holasek	
	A02	US- 4,511,984	04/16/1985	Sumino	
	A03	US- 4,561,019	12/24/1985	Lizzi	
	A04	US- 4,575,799	03/11/1986	Miwa	
	A05	US- 4,858,124	08/15/1989	Lizzi	
	A06	US- 5,235,984	08/17/1993	D'Sa	
	A07	US- 5,363,850	11/15/1994	Soni	
	A08	US- 5,417,215	05/23/1995	Evans	
	A09	US- 5,445,155	08/29/1995	Sieben	
	A10	US- 5,724,972	03/10/1998	Petrofsky	
	A11	US- 5,876,343	03/02/99	Teo	
	A12	US- 5,885,218	03/23/1999	Teo	
	A13	US- 5,938,607	08/17/1999	Jago	
	A14	US- 5,957,138	09/28/1999	Lin	
	A15	US- 6,050,946	04/18/2000	Teo	
	A16	US- 6,095,976	08/01/2000	Nachotomy	
↓	A17	US- 6,106,460	08/22/2000	Panescu	
	A18	US- 6,106,465	08/22/2000	Napolitano	
/JC/	A19	US- 6,120,445	09/19/2000	Grunwald	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	/Jacqueline Cheng/ (03/13/2007)	Date Considered	03/13/2007
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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2

of 2

Application Number	10/647,977
Filing Date	08/25/2003
First Named Inventor	Kuban
Art Unit	3737
Examiner Name	Not yet assigned

Attorney Docket Number 895,675-004

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number <small>Number-Kind Code² (# known)</small>	Publication Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JC/	A20	US- 6,217,517	04/17/2001	Grunwald	
	A21	US- 6,238,342	05/29/2001	Feleppa	
	A22	US- 6,254,541	07/03/2001	Teo	
	A23	US- 6,287,259	09/11/2001	Grunwald	
	A24	US- 6,306,089	10/23/2001	Coleman	
	A25	US- 6,335,980	01/01/2002	Armato	
	A26	US- 6,454,715	09/24/2002	Teo	
	A27	US- 6,514,202	02/04/2003	Grunwald	
	A28	US- 6,544,187	04/08/2003	Seward	
	A29	US- 2001/0014774	08/16/2001	Grunwald	
↓	A30	US- 2003/0028118	02/03/2003	Dupree	
/JC/	A31	US- 2003/0092993	05/15/2003	Grunwald	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document <small>Country Code³ "Number⁴ "Kind Code⁵ (# known)</small>	Publication Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	/Jacqueline Cheng/ (03/13/2007)	Date Considered	03/13/2007
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P-5
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U.S. PATENT & TRADEMARK OFFICE**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Complete if Known

				Application No.	10/647,977
				Filing Date	August 25, 2003
				First Named Inventor	KUBAN
				Art Unit	3737
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket No.	895,675-004

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		Number-Kind Code ² (if known)			
/JC/	1.	5,161,535	11/10/1992	Short	
	2.	5,417,213	05/23/1995	Prince	
	3.	5,417,214	05/23/1995	Roberts	
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	6.	5,846,202	12/08/1998	Ramamurthy	
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↓	19.	6,780,152	01/08/2004	Ustuner	
	20.	6,818,199	11/16/2004	Hainfeld	
/JC/	21.	6,845,260	09/04/2003	Liu	

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	Country Code ³ Number ⁴ Kind Code (if known)				

NBI:662730. 1 Examiner Signature	/Jacqueline Cheng/ (03/13/2007)	Date Considered	03/13/2007
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Sheet	2	of	2	Attorney Docket No.	895,675-004

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published		T ²
/JC/	22.	ACHENBACH, S., GIESLER, T., ROPERS, D., ULZHEIMER, S., DERLIEN, H., SCHULTE, C., WENKEL, E., MOSHAGE, W., BAUTZ, W., DANIEL, W., KALENDER, W., BAUM, U., "Detection of Coronary Artery Stenoses by Contrast-Enhanced, Retrospectively Electrocadiographically-Gated, Multislice Spiral Computed Tomography", Circulation, 2001, pp. 2535-2538, Vol. 103, No. 21, American Heart Association, Dallas, U.S.A.		
	23.	ARBAB-ZADEH, A., DEMARIA, A., PENNY, W., RUSSO, R., KIMURA, B., BHARGAVA, V., "Axial Movement of the Intravascular Ultrasound Probe During the Cardiac Cycle: Implications for Three-Dimensional Reconstruction and Measurements of Coronary Dimensions", American Heart Journal, 1999, pp. 865-872, Vol. 138, No. 5 Part 1, Elsevier, St. Louis, U.S.A.		
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	27.	SØNDERGAARD, L., STÄHLBERG, F., THOMSEN, C., SPRAGGINS, T., GYMOESE, E., MALMGREN, L., MÜLLER, E., HENRIKSEN, O., "Comparison Between Retrospective Gating and ECG Triggering in Magnetic Resonance Velocity Mapping", Magnetic Resonance Imaging, 1993; pp. 533-537, Vol. 11, No. 4, Pergamon Press, New York, U.S.A.		
	28.	STÄHR, P., VOIGHTLÄNDER, T., RUPPRECHT, H., ASCHENBRÜCKER, P., MAMTIMIN, H., BRENNCKE, R., OTTO, M., FITZGERALD, P., MEYER, J., "Impact of Vessel Curvature on the Accuracy of Three-Dimensional Intravascular Ultrasound: Validation by Phantoms and Coronary Segments", Journal of the American Society of Echocardiography, 2002, pp. 823-830, Vol. 15, No. 8, C. V. Mosby, St. Louis, U.S.A.		
	29.	VON BIRGELEN, C., DE VREY, E., MINTZ, G., NICOSIA, A., BRUINING, N., LI, W., SLAGER, C., ROELANDT, J., SERRUYS, P., DE FEYTER, P., "ECG-Gated Three-Dimensional Intravascular Ultrasound: Feasibility and Reproducibility of the Automated Analysis of Coronary Lumen and Atherosclerotic Plaque Dimensions in Humans", Circulation, 1997, pp. 2944-2952, Vol. 96, No. 9, American Heart Association, Dallas, U.S.A.		
/JC/	30.	WOODHOUSE, C., JANOWITZ, W., VIAMONTE, M., "Coronary Arteries: Retrospective Cardiac Gating Technique to Reduce Cardiac Motion Artifact at Spiral CT", Radiology, 1997, pp. 566-569, Vol. 204, No. 2, Radiological Society of North America, Easton, U.S.A.		

NBI:662730. 1 Examiner Signature	/Jacqueline Cheng/ (03/13/2007)	Date Considered	03/13/2007
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<p>Substitute for form 1449A-PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>				<i>Complete If Known</i>	
				Application No.	10/647,977
				Filing Date	August 25, 2003
				First Named Inventor	KUBAN
				Art Unit	3737
				Examiner Name	Not yet assigned
Sheet	1	of	1	Attorney Docket No.	895,675-004

U.S. PATENT DOCUMENTS

Examiner Signature	/Jacqueline Cheng/ (03/13/2007)	Date Considered	03/13/2007
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